

PROTON CONDUCTING MATERIAL AND METHOD FOR PREPARING THE SAME, AND ELECTROCHEMICAL DEVICE USING THE SAME

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Inventor: HINOKUMA KOICHIRO; ATA MASAFUMI; PIETZAK BJOERN; ROST CONSTANCE
Applicant: SONY CORP (JP)
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AU746761B (B2)**Cited documents:**JP3167712
JP2000256007[Report a data error here](#)**Abstract of WO0106519**

A proton conducting material which comprises a base material comprising a carbonaceous material having carbon as a main component and, introduced into the base material, a group capable of dissociating a proton. In the proton conducting material, a proton moves via the group capable of dissociating a proton, and the conductivity for anion is greater than that for an electron. As the carbonaceous material, use is made of a carbon cluster such as a fullerene and a tubular carbon (so-called carbon nano-tube), a carbonaceous material having a diamond structure and the like.

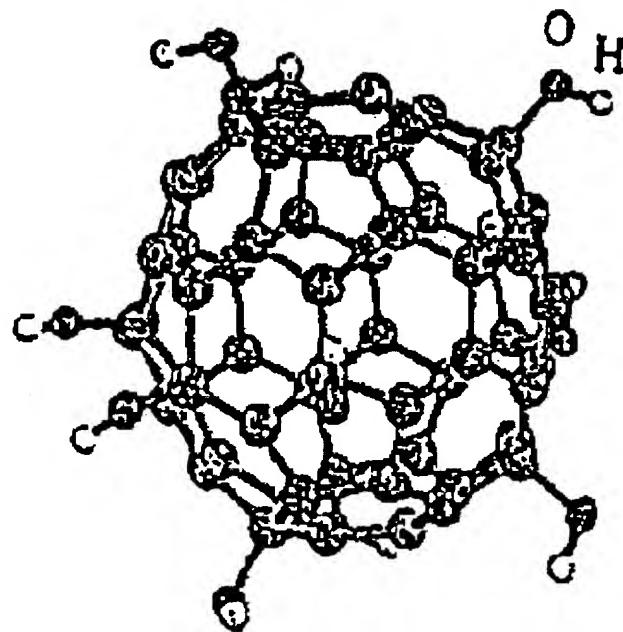


FIG.1A

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